

metbrief: 2014-03-13

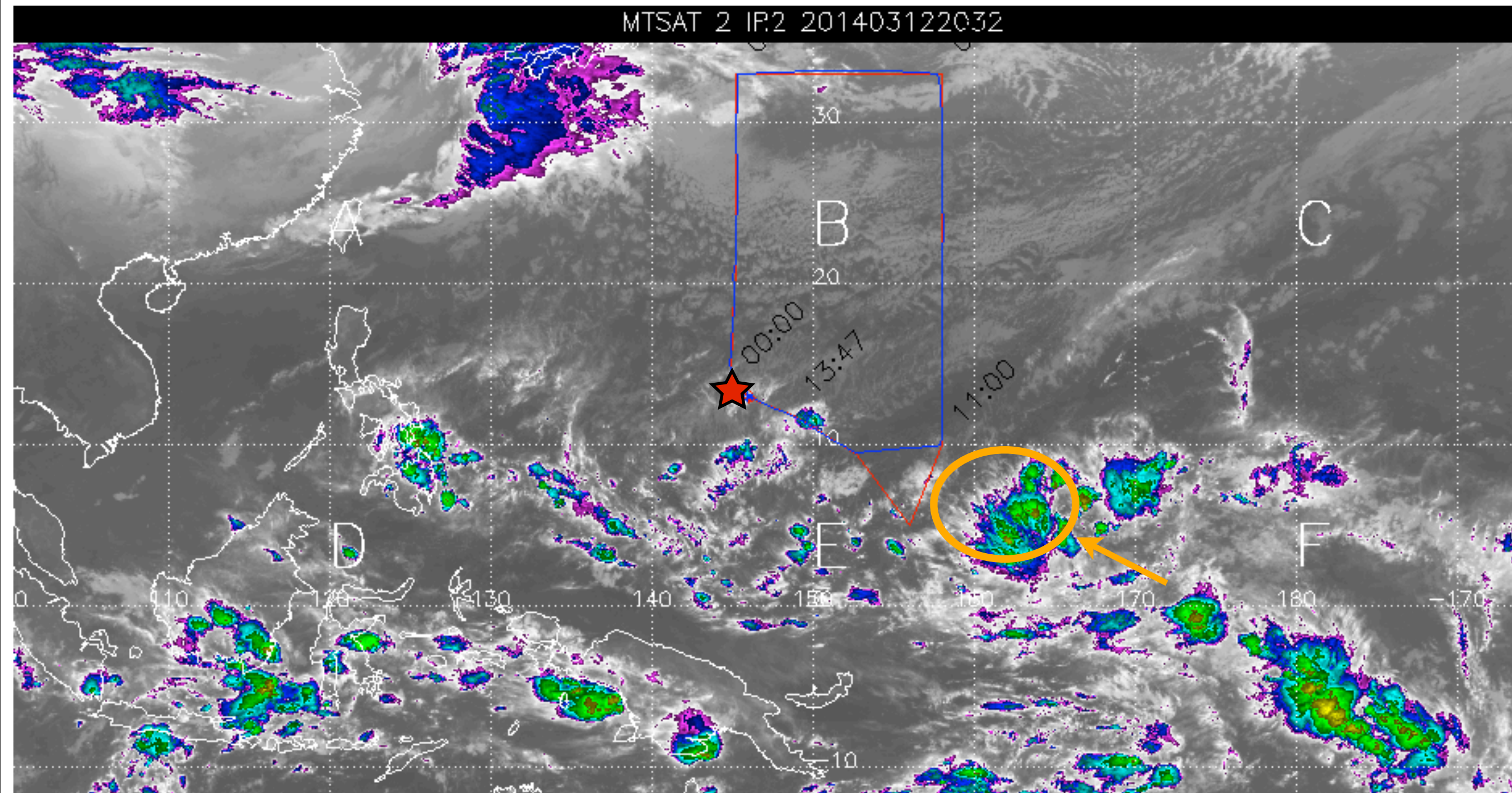
(transit flight 2014-03-14 Fri or 2014-03-15 Sat)

- Good takeoff conditions at AAFB
 - ▶ weak convective system SE of Hawaii, near flight track
- Good landing conditions at EAFB

	wind	cld cover (base)	precip	
Fri takeoff (06AM)	ENE080 15 knt	SCT018, SCT030	low prob	
midflight	•west Pacific (west of dateline): weak convection south of 10N, 160-170E •east Pacific: convection (cld top \leq 40-43 kft) at 5-15N, -140E			
landing @EAFB (09AM)	WNW280 5 knt	CLR		
Sat takeoff (06AM)	E070 15 knt	FEW020, SCT030	low prob	
midflight	•west Pacific (west of dateline): convection south of 9N, 155-179E •east Pacific: convection (cld top \leq 40-43 kft) at 5-15N, -140E			
landing @EAFB (09AM)	SW160 5 knt	CLR		

‘current’ condition:

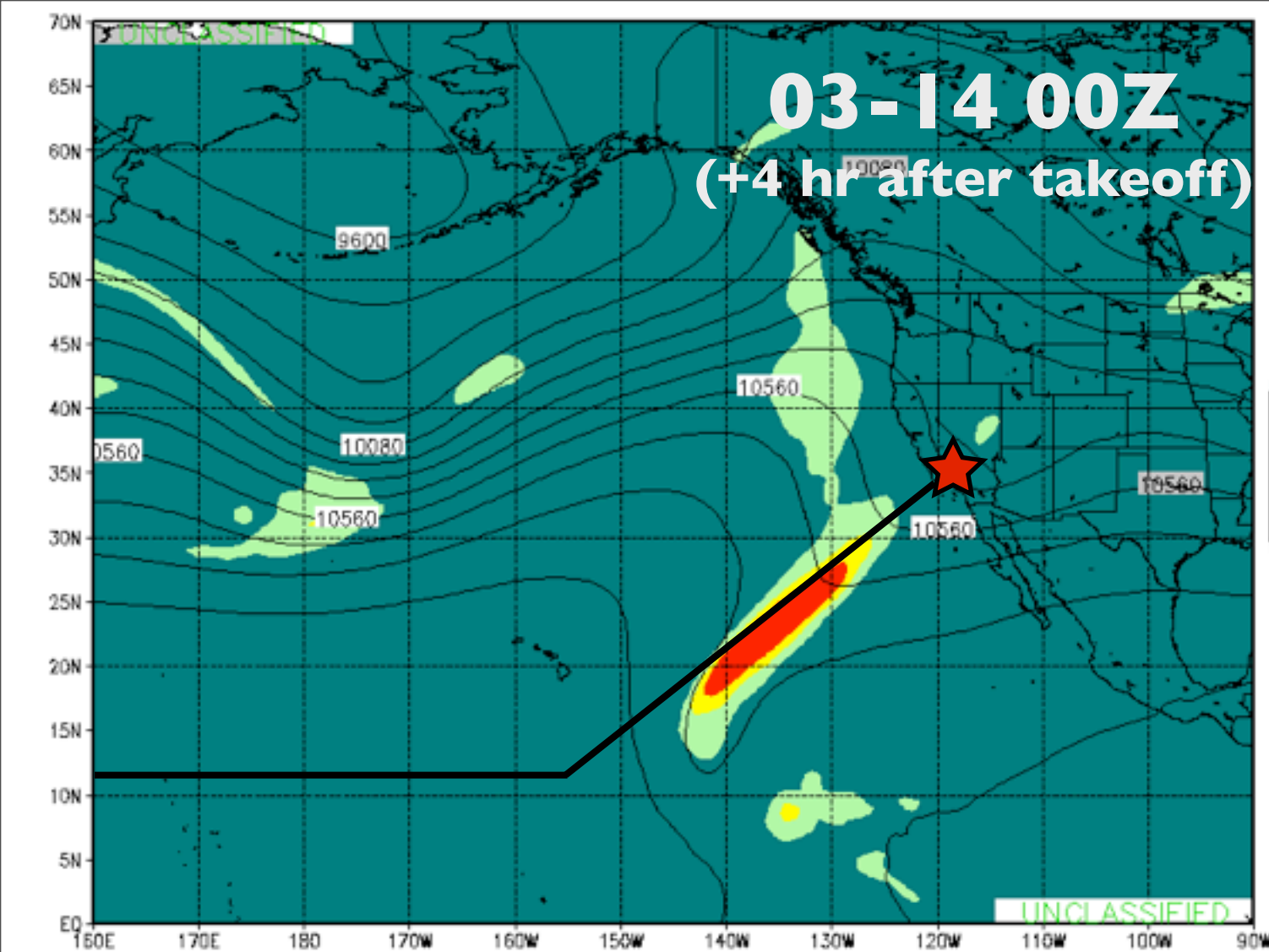
satellite IR imagery on 2014-03-12, ~22UTC
(03-13 Wed, ~08AM)



- convection slowly moving NW towards Guam, weakening by Fri AM (cloud tops \leq 40 kft) and staying south of 10N

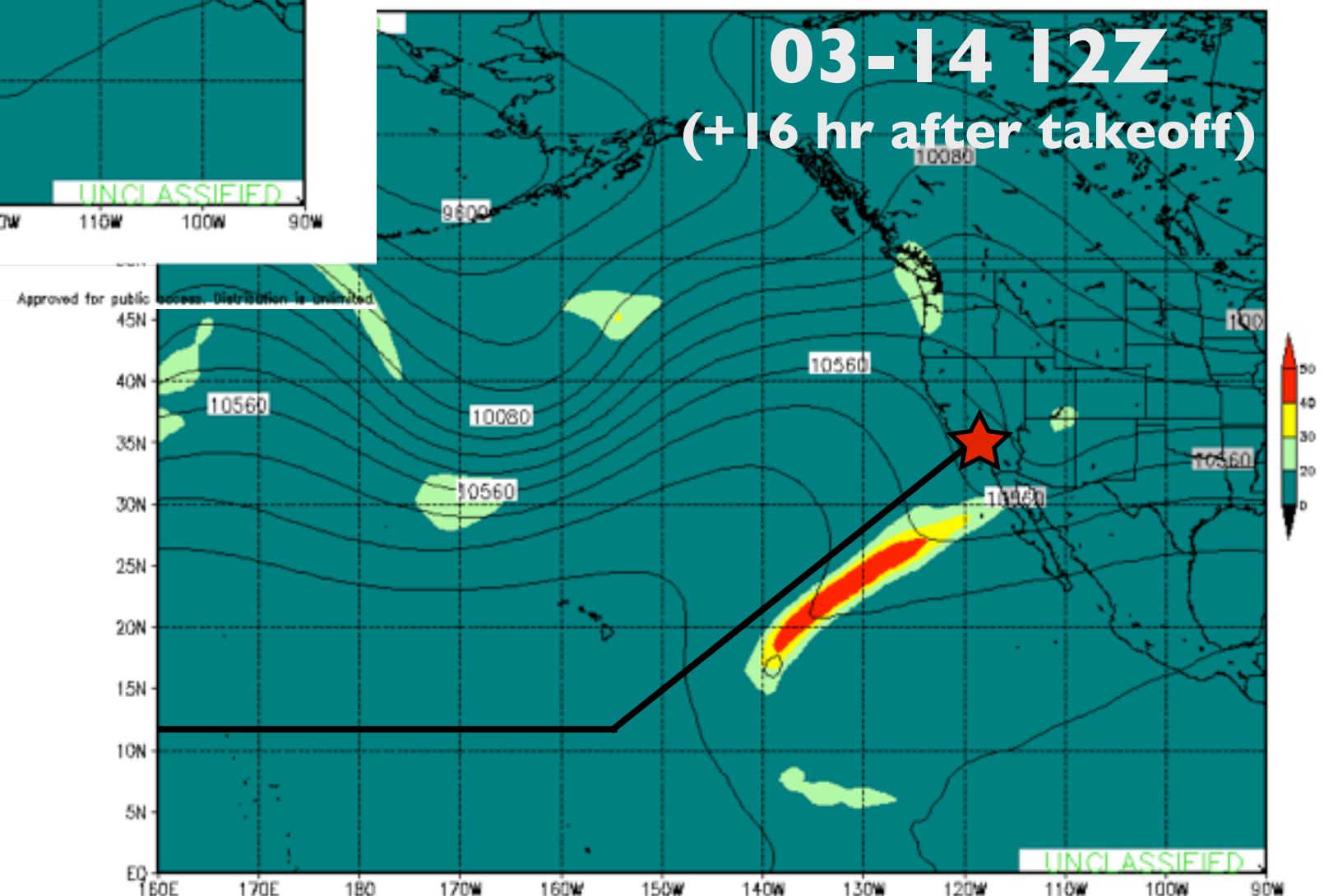
03-14 00Z
(+4 hr after takeoff)

Probability of moderate
turbulence 30-38 kft



VT: Fri 00Z 14 MAR 14
FNMOC NAVGEM (U): 30Kft-38Kft CAT [prob moderate turb]/ 250 mb Hts [gpm]
Run: 2014031212Z Tau: 36

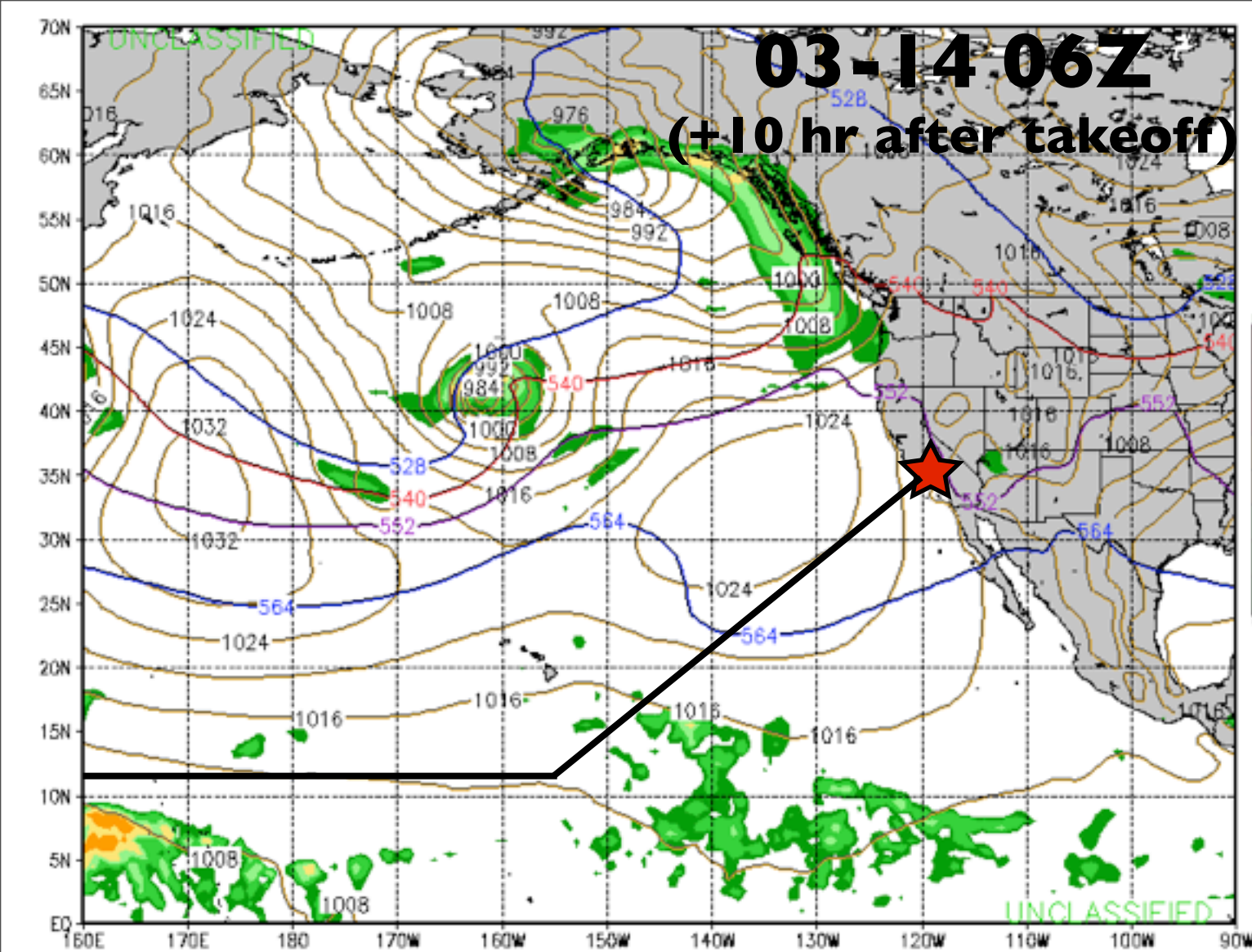
03-14 12Z
(+16 hr after takeoff)



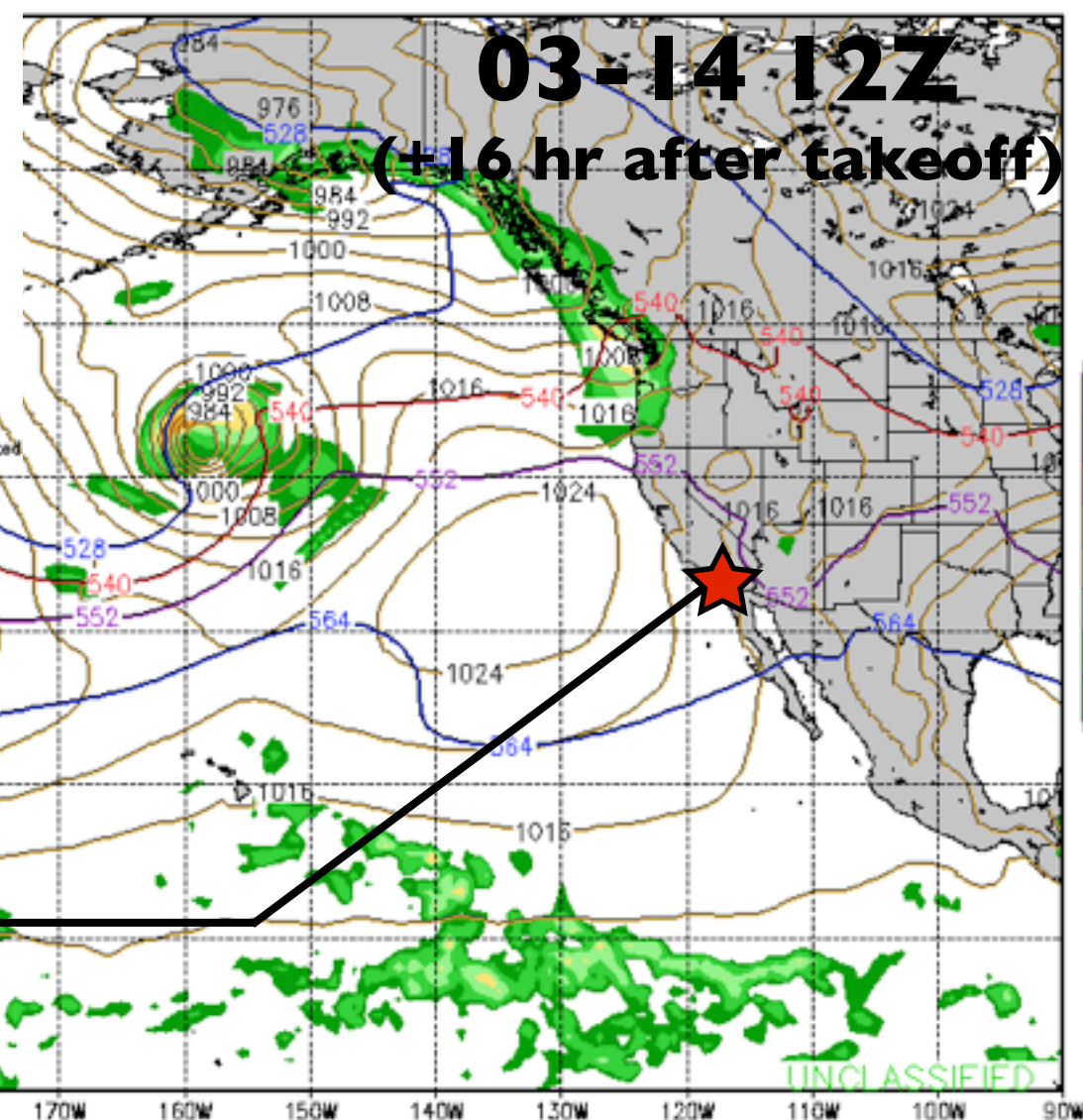
Approved for public access. Distribution is unlimited.
VT: Fri 12Z 14 MAR 14
FNMOC NAVGEM (U): 30Kft-38Kft CAT [prob moderate turb]/ 250 mb Hts [gpm]
Run: 2014031212Z Tau: 48

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* reach Hawaii +11.75 hrs after takeoff



VT: Fri 06Z 14 MAR 14
 FNMOC NAVGEM (U): SLP[hPa]/540,528 thk 564,552 thk Line/Prev 6hr Prcp Rate [mm/6hr]
 Run: 2014031212Z Tau: 42



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VT: Fri 12Z 14 MAR 14
 FNMOC NAVGEM (U): SLP[hPa]/540,528 thk 564,552 thk Line/Prev 6hr Prcp Rate [mm/6hr]
 Run: 2014031212Z Tau: 48

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* reach Hawaii +11.75 hrs after takeoff